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The influence of granular superphosphate with and without organic matter on the soil microflora. ~~Report~~
Ilerova and E. Kh. Remp. Doklady Vsesoyuz. Akad.
Nauk SSSR. Nauka, Leningrad, 1951, No. 4, 38.
Granular superphosphate mixed with organic materials
harbors a huge microflora near its granules. Superphosphate
without org. matter favors an increase in microorganisms
away from the granules. I. S. Joffe

1951

BEREZOVA, E. F.

①

The role of microorganisms in the nutrition of plants in
the light of progressive agrobiological science. E. F.
Berezova. *Soviet Agron.* 8, No. 11, 27-34 (1930); *Chem.*
Zenit, 1931, II, 886.—A review. M. G. Moore

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSING AND PROPERTY INDEX																			
BC Micro-organisms of plants with the soil micro-flora. K. P. Horozova <i>(Doklady, 1950, No. 5, 72-79; Soils & Foss., 1951, 14, 735)</i> The classification of micro-organisms according to the position they occupy within the root zone of higher plants is described, and the importance of the plant of biological processes produced in the roots is reviewed. C. H. NORTH.																			
ASAC-5LA METALLURGICAL LITERATURE CLASSIFICATION FROM SYMBIOSIS INTODU WIP ONLY USE RECEIVED																			

CA 13

The nature of the activity of granulated superphosphate.
K. Berezova and A. Fadeeva. *Agrobiologia* 1950,
No. 1, 89-93. Addns. of granulated superphosphate,
especially the kind that has been neutralized (no definition
for this kind is given), increase the *Asotobacter* flora much
more than addns. of the powdery kind of superphosphate.
The N content is greater with granulated superphosphate.
J. S. Joffe

BERESTOVA, Ye. F.

BERESTOVA, Ye. F. "The micro-flora of the shizo sphere of flax," Trudy Vsesoyuz. nauch.-issled. in-ta s.-kh. mikrobiologii, Issue 1, (for 1941-1945), 1949, p. 70-97, - Bibliog: 16 items

SO: U-5240, 17, Sec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

21

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The role of *Bacillus amylobacter* in the development of flax. B. F. DUTKOVA. *Microbiology (U. S. S. R.)* 9, 813, 22 (in English, 1964) (1964). The action of *B. amylobacter* depends on the no. of microorganisms in a given soil, the presence of assimilable (by the plants) N and on the quant. relationships of its metabolic products. Small concns. of the latter (acetone, BuOH, butyric acid) increase the yield of flax; large doses depress the growth of the plants.

T. LAMINA

Microbiology Lib., Flax Inst., Torzhok

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

BEREZOVA, F. F.

"Seed Bacterization as a Method of Fighting the Diseases of Flax," Mikrobiol, 8 No. 2, 1939. Moscow Lab., Inst. of Agric Microbiology. -1939.

CA

15

Microbiological investigation of the dark, slightly marshy lowland virgin soils. R. Betsky and L. Pukova, L. Suda-kova and A. Shtruberg. *Trudy Odeskenskogo Vsesoyuznogo Nauchno-Issledovatskogo Instituta Khimicheskoy Tekhnologii im. Lenina* 1939, 131-49; *Khim. Referat. Zhur.* 1940, No. 8, 47. --Flax on dark, slightly marshy soils is affected by bacteriosis. The yield of flax grown on the humus horizons (in which the mass of humates is present in the form of Ca humates) was small. Addn. of manure increased the yield of flax several times and sharply decreased bacteriosis. Combination of manure with mineral fertilizers and with B fertilizers is an effective method against bacteriosis.

W. R. Henn

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

THE EFFECT OF CHLOROPICRIN ON THE CROP YIELDS. N. P. Gorbunova and E. F. Berezova. *Izvestiya Nauch.-Issledovatel. Inst. Tselul'noy i Agropokhisheniya im. G. I. Ushakovskogo, Prikladnaya Khimiya i Tselul'noye Proizvodstvo* 1939, 60-81. *Khim. Referat. Zhur.* 1940, No. 7, 48. —On soils poor in org. substances chloropierin may decrease yield; on dark soils rich in org. substances it increases the crop 100% or more. Best results are obtained by adding chloropierin to a fallow field in crop rotation. Chloropierin has an after-effect during 2 years. Addn. of chloropierin increases the amt. of water-sol. org. substances, the amt. of mobile P_2O_5 (according to Kirsanov) and K_2O (according to Peive) and the mobilization of soil N under the influence of changes of the microbial processes.

W. R. Hunt

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

17 JAN 1961		17 JAN 1961	
PROCESSING AND PROSPECTIVE INDEX			
BC		B-III-1	
Notes of "Amorpha" edited. E. F. Bran- nova, A. N. Watsura, and E. A. Krasovskaya (Compt. rend. Acad. Sci. U.R.S.S., 1958, 18, 357-361).— Beneficial effects of "Amorpha" (a prep. of Auto- bacter oblongum on soil) on plant growth is not necessarily due to N fixation, but may result from production of growth substances by the organisms. A. G. P.			
ASB-ELA METALLURGICAL LITERATURE CLASSIFICATION			
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EXPOSED BY		EXPOSED BY	

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AM			
NOVODRUDESKI (D.), BERBEROVA (Mme E.), NAKHIMOVSKAYA (Mme M.), & PERVIKOVA (Mme M.). The influence of bacterization of Flax seed on the susceptibility of seedlings to infection with parasitic fungi.— <i>C.R. Acad. Sci. U.R.S.S.</i> , N.S., xiv (1937), 6, pp. 385-388, 1937.			
A brief outline is given of experiments, the results of which showed that the inoculation of diseased flax seed with strains of soil-inhabiting bacteria capable of lysing species of <i>Fusarium</i> and <i>Colletotrichum</i> [<i>R.A.M.</i> , xvi, p. 304] considerably decreased the number of diseased seedlings grown under laboratory conditions from the seed of one of the varieties tested (No. 364) but had no effect on the other (No. 609). Certain other strains, however, had a different effect, causing the death of all seedlings of 364 but reducing disease in those of 609, while a third group reduced the number of diseased seedlings of both varieties. Treatment with <i>Bacillus</i> [<i>Pseudomonas</i>] <i>fluorescens</i> and <i>B. mesentericus</i> reduced disease in 364 but had no appreciable effect in 609, <i>B. mega-</i> <i>terium</i> [ibid., xv, p. 396] reduced disease in both varieties, while <i>B. mycoides</i> as a rule increased disease. The authors conclude that it is possible by bacterization to reduce very considerably the number of diseased seedlings.			
ABB-544 METALLURGICAL LITERATURE CLASSIFICATION			
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BEREZOVA, E. F.

"Bacterial Diseases of Flax," Mikrobiologiya, vol. 4, no. 1, 1935, pp. 103-120.
448.3 M582

So: SIRA Si 90-53, 15 Dec. 1953

system may be formed and the dead stem replaced. Individual strains of bacteria show variations in virulence, and some reduce the yield on rich, dark-coloured soils as heavily as on poor, sandy loams, though the general tendency is for the latter to be most affected.

Further studies are required in the case of the seed bacterium, causing a loss of germination of 28 per cent., and also on those responsible for physiological changes in the root system and reducing the yield by 15 to 20 per cent.

Bacterial infection of flax appears to be largely controllable by proper tillage on virgin soil and the use of suitable fertilizers.

PROCESSIES AND PROPERTIES INDEX									
<i>BACTERIOLOGICAL DISEASES OF FLAX</i> БЕЛОРУСОВА (Мисс Е.) & САУЧЕНКОВА (Мисс М.). Бактериальные болезни льна. [Bacterial diseases of Flax.]—Микробиол. [Microbiol.], iv, 1, pp. 103-120, 10 figs., 1 diag., 1935. [English summary.] Three groups of bacterial diseases of flax have been differentiated at the U.S.S.R. Flax Institute, viz. (1) those attacking the plant itself, (2) those reducing seed germination, and (3) those inducing physiological changes in the root system without visibly affecting the tissues. The organisms comprising group (1) are butyric acid-forming, sporing rods, facultative anaerobes, causing acetone-ethylic fermentation of carbohydrates and assimilating nitrogen in mineral (ammonium sulphate) and organic (peptone) forms. The pathogenicity of the bacteria was demonstrated by a series of laboratory and field experiments [a fully tabulated account of which is given]. Two types of lesions have been observed, one involving injury to the roots and occurring on all kinds of soil, and the other, manifested by stunting of the root system and dying-off of the growing-point, which is confined to virgin soils. Bacteria diminish the yield of straw by 40 per cent. and of seed by 18 per cent. Under favourable conditions of plant growth a new root									

the percentage of healthy seedlings being raised from 87 to 93 per cent. in the former and from 41 to 48 per cent. in the latter. In pot trials the grain yield was increased by 30 and 29 per cent. by *P₂₄* and *Azotobacter vinelandii*, respectively. The organisms were best applied to the seed-grain in a peat base.

Under similar conditions and in the same soils the number of mycolytic bacteria is larger in the root system of the Leguminosae than in flax and grasses. The bacterial population fluctuates according to the stage of growth of the host, reaching a maximum during flowering. Seed "bacterization" with strain *P₂₄* substantially increases the number of mycolytic bacteria in the root systems of flax and wheat.

R9AM BERESOVA, Y. F.

BERESOVA (Mme J. F.) & NACHKOVA (Mme A. N.). Bakterielle Methode zur Bekämpfung pilzlicher Krankheiten der landwirtschaftlichen Pflanzen. 1. Beschickung als Mittel zur Bekämpfung von Krankheiten des Leins. 2. Der Einfluss der Beschickung auf den Befall der Keimlinge des Sommerweizens mit parasitären Pilzen und auf seinen Ertrag. 3. Mykolytische Bakterien im Wurzelsystem der Pflanzen. [A bacterial method for the control of fungous diseases of agricultural plants. 1. Seed 'bacterization' as a means for the control of flax diseases. 2. The influence of seed 'bacterization' on the infection of Summer Wheat seedlings by parasitic fungi and on the yield of the crop. 3. Mycolytic bacteria in the root system of plants.]—*Murpöwus*. [*Microbiol.*] viii, pp. 186-197, 196-205, 695-699, 1939. [Russian. Abs. in *Chem. Zbl.*, cxii (9), 1, pp. 100-101, 1941.]

Note 1 of this series is contributed by J. F. Beresova, 2 by A. N. Nachkova, and 3 by both authors jointly. In laboratory experiments at the Moscow Institute of Agricultural Microbiology, the increase of germinability of flax seed treated with mycolytic bacteria [cf. *R.A.M.*, xviii, p. 659] amounted to 10 per cent. over the control samples, the corresponding figures for decrease of heavy and milder infection by *Fusarium* [flax] being 40 and 19 per cent., respectively; at harvesting the incidence of wilt was 15 per cent. less in the stands from treated seed than in those from non-'bacterized', with a 10 to 12 per cent. heavier yield. B₁₇ generally gave the best results of the strains tested, though in some cases F₂₄ afforded the maximum stimulus to production. Dry preparations are less apt to injure the seed than liquid ones, peat being preferable to kaolin as a base, except on light sandy soils. Compared with chemical seed treatment, 'bacterization' occupies an intermediate position, being superior to the standard disinfectant PD and somewhat less effective than granosan, which has not yet been put on the market.

Of the bacteria used in experiments for the control of *Fusarium* in summer wheat, F₆ and F₂₄ (*Pseudomonas*) and B₁₇ (*Achromobacter*) were the most efficacious both for healthy and diseased seed samples,

BEREZOVA, V.D.

Reorganizing the work of state testing laboratories of the State Committee. Standartizatsia 29 no.2:53-55 F '65. (MIRA 18:4)

1. Upolnomochenny Gosudarstvennogo komiteta pri Sovete Ministrov Litovskoy SSR.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

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BEREZOVA, M. K.

Industrial Hygiene

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c. 1958

1963

GAYGEROV, Semen Semenovich; BUGAYEV, V.A., doktor geogr. nauk, otv.
red.; BEREZOVA, A.S., red.; POLYAKOVA, T.V., tekhn. red.

[Problems of aerological structure, circulation and climate of
the free atmosphere in the central Arctic and in the Antarctic]
Voprosy aerologicheskogo stroeniia, tsirkuliatsii i klimata
svobodnoi atmosfery Tsentral'noi Arktiki i Antarktiki. Moskva,
Izd-vo Akad. nauk SSSR, 1962. 317 p. (Akademiia nauk SSSR. Mez-
vedomstvennyi komitet po provedeniiu Mezhdunarдного geofiziche-
skogo goda. II razdel programmy MGG: Meteorologiya, no.4)
(MIRA 15:12)

(Arctic regions—Meteorology)
(Antarctic regions—Meteorology)

ASLANOVA, G.D.; ZATRUTINA, R.F.; RUBINA, L.S.; SOKOLOVA, V.A.;
SILKIN, B.I., otv. red.; BEREZOVA, A.S., red.

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vedeniyu Mezhdunarodnogo geofizicheskogo goda.

SYSOYEV, N.N., otv. red.; BELOUSOV, I.M., otv. red.; BEREZOVA,
A.S., red.; DOROKHINA, I.N., tekhn. red.

[Collection of articles of the Intergovernmental Committee
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SSSR. No.9. [Oceanographic research] Okeanologicheskie is-
sledovaniia. 1963. 100 p. (MIRA 17:2)

1. Akademiya nauk SSSR. Mezhdunarodnyy komitet po prove-
deniyu Mezhdunarodnogo geofizicheskogo goda. X razdel prog-
rammy MGG: Okeanologiya.

STEPANOV, V.N., doktor geograficheskikh nauk, otv. red.; BEREZOVA,
A.S., red.; DOROKHINA, I.N., tekhn. red.

[Oceanological research] Okeanologicheskie issledovaniia;
sbornik statei. I razdel programmy MGG (okeanologiya) Mo-
skva, [In Russian with summaries in English.] No.4. 1961.
110 p. (MIRA 14:5)

1. Akademiya nauk SSSR. Mezhdunarodnyy komitet po pro-
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(Indian Ocean--Oceanographic research)

ZATRUTINA, R.F., bibliograf; RUBINA, L.S., bibliograf; SILKIN, B.I.,
otv.red.; BEREZOVA, A.S., red.; GUS'KOVA, O.M., tekhn.red.

[Bibliographic index of literature in the Russian language
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na russkom iazyke za 1959 g. Moskva, Izd-vo Akad.nauk SSSR,
1960. 85 p. (MIRA 14:1)

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deniyu Mezhdunarodnogo geofizicheskogo goda.
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BEREZOV, Yu.Ye., prof., red.; KOLESNIKOV, S.A., red.; ROVNOV,
A.S., red.; POKROVSKIY, A.V., red.; RABOTNIKOV, V.S.,
red.; STOLYPIN, P.G., red.; TSENTSIPER, M.B., red.

[Surgery on the aorta and the main large vessels] Khirurgia
aorty i krupnykh magistral'nykh sosudov. Moskva, Meditsina,
1965. 254 p. (MIRA 18:7)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut
serdechno-sosudistoy khirurgii.

BEREZOV, Yu.Ye., prof.; SAVEL'YEV, V.S., prof.; KOMAROV, B.D., kand. med. nauk

Surgical technique in aneurysms of the abdominal aorta. Khirurgiya
40 no.11:16-21 N '65. (MIRA 18:7)

1. Klinika fakul'tetskoy khirurgii (dir. - akademik A.N.Bakulev)
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni
Pirogova.

BEREZOV, Yu. Ye., prof.; KHUTSISHVILI, T.S.

New method for the revascularization of the heart in experimental myocardial ischemia. Eksper. khir. i anest. no.1:11-15 '65.
(MIRA 18:11)

1. Sosudistoye otdeleniye (zav. - prof. Yu.Ye. Berezov) Instituta serdechno-sosudistoy khirurgii (direktor - prof. S.A. Kolesnikov; nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR, Moskva i Otdeleniye serdechno-sosudistoy khirurgii (zav. - dotsent Sh. K. Makharadze) Gruzinskogo instituta klinicheskoy i eksperimental'noy kardiologii imeni M.D. TSinamdzhvarishvili (direktor - prof. I.V. Dzhevakhishvili) AMN SSSR, Tbilisi.

BEREZOV, Yu.Ye., prof.; POKROVSKIY, A.V.; POTEKINA, Ye.V.; RABOTNIKOV, V.S.

Diagnosis of occlusive lesions of the branches of the aortic arch,
Sov. med. 28 no.3:15-21 Mr '65. (MIRA 18:10)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye.Berezov) Instituta
serdechno-sosudistoy khirurgii AMN SSSR (direktor - zasluzhennyy
deyatel' nauki RSFSR - prof. S.I. Kolesnikov), Moskva.

BEREZOV, Yu.Ye.; STEPANYAN, Ye.P.; LAPIN, M.D.

Effect of thrombogenic processes and anticoagulation therapy
on the protein fractions of the blood serum in cancer of the
cardial region of the stomach and esophagus. Zhur.eksp.i klin.med.
4 no.5:45-52 '64. (MIRA 38:11)

1. Institut grudnoy khirurgii ANU SSSR.

BEREZOV, Yu.Ye., prof.; POTEKINA, Ye.V.; RUSHANOV, I.I.

Significance of angiography during operation in the evaluation of indications for surgical treatment of vascular diseases. Vest. khir. no.7:8-15 J1 '64. (MIRA 18:4)

1. Iz otdeleniya khirurgii sosudov (zav. - prof. Yu.Ye. Berezov) i rentgenologicheskogo otdeleniya (zav. - doktor med. nauk M.A.Ivanitskaya) Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN SSSR.

BEREZOV, Yu.Ye., prof.; PETROSYAN, Yu.S.; ZINGERMAN, L.S.

Coronary arteriography as a method of preoperative diagnosis of
chronic coronary insufficiency. Khirurgiia 40 no.1:46-51 Ja '64.
(MIRA 17:11)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye. Berezov) i
rentgenovskoye otdeleniye (zav. - doktor med. nauk M.A. Ivanitskaya)
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BEREZOV, Yu.Ye.; POTEKINA, Ye.V.; RAKHIMOV, R.S.

Angioplastic replacement of venous trunks. Eksper. khir. i anest. 9
no.1:18-22 Ja-F '64. (MIRA 17:12)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye.Berezov) 'instituta
serdechno-sosudistoy khirurgii (dir. - prof. S.A.Kolesnikov, nauchnyy
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RABOTNIKOV, V.S., kand. med. nauk

Renal complications in surgery on the abdominal aorta. Khirurgiia
39 no.11:87-94 N '63. (MIRA 17:11)

1. Iz otdeleniya khirurgii sordov (zav. - doktor med. nauk Yu.
Ye. Berezov) Instituta serdchno-sosudistoy khirurgii (dir. -
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BEREZOV, Yu.Ye.; DOBROVA, N.B.; POKROVSKIY, A.V.; POTEKINA, Ye.V.;
RABOTNIKOV, V.S.

Aortic surgery. Vest. AMN SSSR 18 no. 9:26-32 '63. (MIRA 17:9)

1. Institut serdechno-sosudistoy khirurgii AMN SSSR.

BAKULEV, A.N., akademik, red.; KOLESNIKOV, S.A., prof., red.;
ROVNOV, A.S., prof., red.; RAPOPORT, Ya.L., prof., red.;
NEZLIN, V.Ye., prof., red.; ELREZOV, Yu.Ye., prof., red.;
STOLYPIN, P.G., nauchn. sotr., red.; LORIYE, K.M.,
nauchn. sotr., red.; POKROVSKIY, A.V., nauchn. sotr., red.;
TSENTSIPER, M.B., nauchn. sotr., red.; ARAPOV, A.D., red.

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BEREZOV, Yu.Ye. (Moskva, D-284, Begovaya ul., d.11, kv.181); POKROVSKIY, A.V.;
MEL'NIK, I.Z.

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57 S-O '64. (MIRA 18:4)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye.Berezov)
Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A.
Kolesnikov; nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN
SSSR, Moskva.

ILLEGIBLE

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i laboratorii funktsional'noy diagnostiki (zav. -- kand. med.
nauk G.G. Gel'shteyn) Instituta serdечно-sosudistoy khirurgii
(dir. -- prof. S.A. Kolesnikov, nauchnyy rukovoditel' -- akademik
A.N. Bakulev) AMN SSSR.

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Fluorescence of esophageal and stomach tissues under the
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POKROVSKIY, A.V. kand. med. nauk; RAPOTNIKOV, V.S., kand. med.
nauk

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the vein. Khirurgia no.1:43-46 '63. (MIRA 17:5)

1. Iz otdeleniya khirurgii sosudov (zav. - doktor med. nauk Yu.Ye.
Berezov) Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev)
AMN SSSR.

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Diagnosis of esophagitis following surgery on the esophagus
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1. Iz otdeleniya sosudistoy khirurgii (zav. - doktor med.
nauk Yu.B.Berezov) i rentgenologicheskogo otdeleniya (zav.
dotsent M.A.Ivanitskaya) Instituta serdechno-sosudistoy
khirurgii (direktor - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR.

ABRIKOSOVA, M.A. (Moskva, A-55, Novoslobodskaya ul., d. 57/65, kv.39)
BEREZOV, Yu.Ye.

Functional state of the arterial system in coarctation of the
aorta, sphygmographic investigation. Grud. khir. 5 no.6:
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1. Iz fakul'tetskoy khirurgicheskoy kliniki (direktor - akad.
A.N. Bakulev) II Moskovskogo meditsinskogo instituta imeni
N.I.Pirogova i Instituta serdechno-sosudistoy khirurgii (direk-
tor - prof. S.A. Kolesnikov) AMN SSSR.

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1. Iz Instituta grudnoy khirurgii AMN SSSR (dir.-prof. S.A. Kolesnikov).

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BEREZOV, Yu.Ye; YELISEYEVA, A.V.; GOL'DINA, V.G.

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(MIRA 16:7)

1. Iz otdeleniya khirurgii pishchevoda (zav.-prof. Yu.Ye.BEREZOV) Instituta grudnoy khirurgii (dir.-prof. S.A.Kolesnikov) AMN SSSR i patologo-morfologicheskoy laboratorii (zav.-kand.med.nauk V.G. Gol'dina) Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir.-dotsent T.G. Anan'yev).

(ESOPHAGUS—CANCER) (SURGERY, PLASTIC)

BEREZOV, Yu.Ye.; PRONIN, V.I.; PISAREVSKIY, A.A.; DOBROVA, N.B.

Cardiotomy on "dry" left ventricle. Eksper. khir. i anest.
7 no.5:11-13 S-O '62. (MIRA 17:10)

1. Iz otdeleniya khirurgii sosudov (zav.- doktor med. nauk Yu. Ye. Berezov) i laboratorii iskusstvennogo krovoobrashcheniya (zav.- kand. med. nauk V.S. Rayevskiy) Instituta serdechno-sosudistoy khirurgii (dir.- prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR.

BEREZOV, Yu.Ye.; DOBROVA, N.B.; PISAREVSKIY, A.A.; POKROVSKIY, A.V.

Method of excluding the left ventricle of the heart for thoracic aorta. Grud. khir. 4 no.6:25-29 N-D'62. (MIRA 16:10)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A.Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN SSSR. Adres avtorov: Moskva, V-49, Leninskiy prospekt, d.8, Institut serdechno-sosudistoy khirurgii AMN SSSR.
(AORTA--SURGERY) (BLOOD--CIRCULATION, ARTIFICIAL)

BEREZOV, Yu.Ye.; LAPIN, M.D.

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(MIRA 16:5)

1. Iz otdeleniya zabolevaniy pishchevoda (zav. - doktor med.nauk Yu.Ye.Berezov) i biokhimicheskoy laboratorii (zav. - doktor biolog. nauk Ye.P.Stepanyan) Instituta grudnoy khirurgii (dir. - prof. S.A.Kolesnikov, nauchnyy rukovoditel'-akademik A.N.Bakulev) AMN SSSR. Adres avtorov: Moskva, Leninskiy prospekt, 8, Institut grudnoy khirurgii AMN SSSR.

(ELECTROPHORESIS) (ESOPHAGUS---CANCER) (BLOOD PROTEINS)

BEREZOV, Yu.Ye., doktor med.nauk; POKROVSKIY, A.V., kand.med.nauk;
MEL'NIK, I.Z.; RUSHANOV, I.I.; KHOMUTOVA, M.G.

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no.10:27-33 O '62. (MIRA 15:12)

1. Iz otdeleniya khirurgii sosudov (zav. - doktor med.nauk
Yu.Ye.Berezov) i rentgenologicheskogo otdeleniya (zav. - dotsent
M.A.Ivanitskaya) Instituta serdechno-sosudistoy khirurgii (dir. -
prof. S.A.Kolesnikov; nauchnyy rukovoditel' - akademik A.N.
Bakulev) AMN SSSR.

(AORTA---DISEASES)

BEREZOV, Yu.Ye.; POTEKINA, Ye.V.; ROVNOV, A.S.

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1. Institut serdechno-sosudistoy khirurgii AMN SSSR.
(STOMACH--SURGERY) (SPLEEN--SURGERY) (STOMACH--CANCER)

BELKIN, V. R.; BEREZOV, Yu. Ye.; GRITSMAN, Yu. Ya.; SVINKIN, I. K.

Utilization of the mechanical suture in surgery on the esophagus and cardia of the stomach. Grud. khir. 4 no.3:40-47 My-Je '62.
(MIRA 15:7)

1. Iz nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookra-neniya SSSR (dir. - dotsent M. G. Anan'yev), Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S. A. Kolesnikov) i Chelyabin-skogo gorodskogo onkologicheskogo dispansera.

(ESOPHAGUS--SURGERY) (STOMACH--SURGERY)
(SUTURES)

BEREZOV, Yu.Ye. (Moskva, Begovaya ul., d.11, kv.181); POTEKINA, Ye.V.;
PRONIN, V.I.; YUPATOV, S.I.

Tracheostomy as a method for preventing respiratory insufficiency
after surgery on the esophagus and cardia. Vest.khir. no.3:3-9
'62. (MIRA 15:3)

1. Iz otdeleniya khirurgii pishchevoda (zav. - doktor med.nauk
Yu.Ye. Berezov) Instituta grudnoy khirurgii (dir. - prof. S.A.
Kolesnikov, nauchn. rukovod. - akad. A.N. Bakulev) AMN SSSR.
(ESOPHAGUS--SURGERY) (TRACHEA) (RESPIRATION)
(STOMACH)

BEREZOV, Yu.Ye.; BYKOVA, N.A.; YUPATOV, S.I.

Bypass anastomoses in inoperable tumors of the esophagus and
cardia. Nov.khir.arkh. no.4:68-70 '62. (MIRA 15:5)

1. Otdeleniye khirurgicheskogo lecheniya zabolevaniy pishchevoda
(zav. - doktor med. nauk Yu.Ye. Berezov) i patomorfologicheskaya
laboratoriya (zav. - prof. Ya.L. Rapoport) Instituta grudnoy
khirurgii AMN SSSR.
(ESOPHAGUS--SURGERY) (STOMACH--SURGERY)

ZAKHAROV, Yevgeniy Illarionovich, prof.; ZAKHAROV, Aleksandr
Yevgen'yevich; BEREZOV, Yu.Ye., red.; BEL'CHIKOVA, Yu.S.,
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(MIRA 15:8)

(INTESTINES--TRANSPLANTATION)
(STOMACH--SURGERY)

BEREZOV, Yu.Ye.

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Vest. AMN SSSR 16 no.8:56-63 '61. (MIRA 14:12)

1. Institut grudnoy khirurgii AMN SSSR.
(STOMACH...CANCER)

BEREZOV. Yu.Ye.; PRONIN, V.I.

Combined resection of the thoracic segment of the esophagus
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'61. (ESOPHAGUS---CANCER) (TRACHEA---SURGERY) (MIRA 14:10)

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O. F.

Possible surgical therapy of gastric stump tumors; preliminary
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(STOMACH--TUMORS)

BEREZOV, Yu.Ye.; SERGEYEV, V.M.; TSYBYRNE, K.A.

First Republic Conference on Chest surgery held in Kishinev. Grud.
khir. 3 no.1:121-125 Ja-F '61. (MIRA 16:5)
(CHEST--SURGERY)

BEREZOV, Yu.Ye., doktor med.nauk; POTEMKINA, Ye.V.

Selection of an operative method in cancer of the thoracic
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1. Iz otdeleniya khirurgii pishchevoda (zav. - dokt.med.nauk
Yu.Ye. Berezov) Instituta grudnoy khirurgii (dir. - prof. S.A.
Kolesnikov, nauchn. rukovod. - akad. A.N. Bakulev) AMN SSSR.
(ESOPHAGUS--CANCER)

BEREZOV, Yu. Ye.; POTEMKINA, Ye. V.

Method for preventing reflux esophagitis in operations on the cardia.
Gruñ. khir. no.4:91-96 '61. (MIRA 14:12)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S. A. Kolesnikov)
AMN SSSR.

(ESOPHAGUS--INFLAMMATION) (ESOPHAGUS--SURGERY)

BRREZOV, Yu.Ye.; SERGEYEV, V.M.; KOVANEV, V.A.

Surgery on the open heart under conditions of artificial
blood circulation and hypothermia. Grud.khir. no.3:117-125
'61. (MIRA 14:9)
(HEART--SURGERY) (PERFUSION PUMP (HEART)
(HYPOTHERMIA)

BEREZOV, Yu.Ye.

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cardia. Khirurgiia 36 no.10:121-126 0 '60. (MIRA 13:11)

1. Iz Instituta grudnoy khirurgii (nauchnyy rukovoditel' - akad.
A.N. Bakulev, dir. - prof. S.A. Kolesnikov) AMN SSSR.
(STOMACH--CANCER) (GASTRECTOMY)

BEREZOV, Yu.Ye.; LAPIN, M.D.

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cancer of the cardia and esophagus. Eksper.khir. 5 no. 3:33-39
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(STOMACH--CANCER) (ESOPHAGUS--CANCER)
(BLOOD--COAGULATION)

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(MIRA 14:1)

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(ALIMENTARY CANAL--CANCER)
(EMBOLISM) (ANTICOAGULANTS (MEDICINE))

KOLESNIKOV, S.A.; BEREZOV, Yu.Ye.; SERGEYEV, V.M.; KOVANEV, V.A.

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and others. Grud. khir. 2 no.5:122-127 S-0 '60. (MIRA 16:5)
(CHEST--SURGERY) (AMOSOV, N.M.)

BEREZOV, Yu.Ye.; KOVANEV, V.A.; POTEKINA, Ye.V.

Unsolved problems in chest surgery. Grud. khir. 2 no.3:115-125
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(CHEST---SURGERY)

BEREZOV, Yuliy Yefimovich, doktor med. nauk; OSTROVSKAYA, L.S., red.;
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(STOMACH---CANCER)

BEREZOV, Yu.Ye., doktor med.nauk; BUKHARIN, V.A.; ZUBAREV, R.P.

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Academy of Medicine of the U.S.S.R. Soy.med. 23 no.6:147-151
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(CHEST--SURGERY)

BEREZOV, Yu.Ye. (Moskva, 1-y Baltiyskiy per.d.1/25, kv.27)

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Berezov. Grud. khir. 1 no.4:123-126 11-Ag '59. (MIRA 15:3)
(EXOPHAGUS—SURGERY)
(NISSEN, R.)

BUSALOV, A.A.; BEREZOV, Yu.Ye.; SERGEYEV, V.M.

Problems in chest surgery; report on the Second Session of
the Institute of Chest Surgery of the Academy of Medical
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'59. (MIRA 16:7)
(CHEST—SURGERY)

~~BEREZOV, Yu.Ye.~~, kand.med.nauk

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34 no.5:40-46 My '58 (MIRA 11:7)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. A.N. Bakulev).
(STOMACH NEOPLASMS, surgery
cardia resection, long-term results (Rus))

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BHREZOV, Yu.Ye., kandidat meditsinskikh nauk; KURASHOV, R.I.

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total resection of stomach, inadequate sutures of
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BEREZOV, Yu.Ye. kandidat meditsinskikh nauk.

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and of the lower portion of the esophagus. Khirurgia no.10;32-37
0 '55. (MLRA 9:2)

(STOMACH, neoplasms
cardial, surg.)
(ESOPHAGUS, neoplasms
abdominal portion, surg)

BEREZOV, Yu. Ye.

BEREZOV, Yu. Ye, kandidat meditsinskikh nauk (Gor'kiy)

Interilioabdominal amputation of the lower extremity in cancer
of the hip. Ortop.travm. i protez. no.2:67-69 Mr-Ap '55
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amputation interilio-abdominalis in cancer of hip)
(HIP, neoplasms,
surg., leg amputation interilio abdominalis)

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(Leningrad--Labor and laboring classes---Education)
(Technological innovations) (Socialist competition)

CHAZOV, Ye.I.; ANDREYENKO, G.V.; SPEKTOROVA, Z.G.; RAYEVSKAYA, V.V.;
MOISEYEV, S.G.; BABSKIY, Ye.B.; BREDIKIS, Yu.I.; KUSHKIY, R.O.;
KALITEYEVSKAYA, V.F.; BEREZOV, Ye.; POKROVSKIY, A.V.; MEL'NIK,
I.Z.; AGRANENKO, V.A.; VINOGRADOVA, I.L.; SKACHILGVA, N.N.;
VIKHERT, A.M.; ZAMYSLOVA, K.N., prof.; SOKOLOVSKIY, V.P., prof.;
BEYUL, Ye.A., kand.med.nauk; SOLOV'YEV, V.V.

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(THERAPEUTICS--ABSTRACTS)

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(MIRA 19:1)

1. Kafedra biokhimii Universiteta druzhby narodov imeni
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1. Kafedra biokhimii Universiteta Druzhby Narodov imeni Patrisa Lumumby, Moskva.

BEREZOV, T.T.; KHESMAN, V.M.

Decarboxylation of glutamic acid in malignant tumors. Trudy
Un. druzh. nar. 7. Vop. med. no.1:30-38 '64. (MIRA 18:9)

1. Kafedra biokhimi. Universiteta Druzhby Narodov imeni Patrisa
Lumumby, Moskva.

BEREZOV, T.T.

Isolation and purification of ω -amidase from the liver of rats.
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1. Kafedra biokhimii Universiteta Družby Narodov imeni Patrisa
Lumaby, Moskva.

BEREZOV, T.T.: LUTSENKO, N.G.

Transaminases of dicarbonic amino acids and glutamine in human
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(MIRA 16:7)

1. Pervyy Moskovskiy meditsinskiy institut im. I.M.Sechenova i
Institut neyrokhirurgii AMN SSSR. Predstavleno akademikom
A.I.Oparinym.

(TRANSAMINASES) (BRAIN--TUMORS)

BEREZOV, T.T.; GALEGOV, G.A.

Metabolism of β -methyiaspartic acid in malignant tumors.
Biokhimiia 27 no.3:448-451 My-Je '62. (MIRA 15:8)

1. Institute of Biological and Medical Chemistry, Academy of
Medical Sciences of the U.S.S.R., and Chair of Biochemistry, 1st
Medical Institute, Moscow.
(ASPARTIC ACID METABOLISM) (CANCER RESEARCH)

DEREZOV, T.T.; LERMAN, M.I. (Moskva)

α, ϵ -diaminopimelic acid; a new natural amino acid. Usp. sov. biol. 51 no. 3: 285-298 My-Je '61. (MIRA 14:0)
(HEPTANEDIOIC ACID)

BEREZOV, T.T.

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314 Mr-Apr '61. (MIRA 14:5)

1. Chair of Biochemistry, the 1st Medical Institute, Moscow.
(AMINO ACID METABOLISM) (TUMORS)

BEREZOV, T.T.

Comparative study of the activity of transaminases in malignant tumors. Vop. med. khim. 7 no.4:417-425 J1-Ag '61. (MIRA 15:3)

1. Chair of Biochemistry of the First Moscow Medical Institute.
(TRANSAMINASES) (CANCER)

BEREZOV, T. T. (USSR)

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Report presented at the 5th International Biochemistry Congress,
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BEREZOV, T.T.

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khim. 6 no.5:545-549 8-0 '60. (MIRA 14:1)
(SWEDEN—CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

BIERZOV, T.T.

Comparative study of transamination reactions of dicarboxylic amino acids and their amides in cancerous tumors of the human stomach. Biokhimiia 24 no.6:1079-1084 N-D '59. (MIRA 13:5)

1. Chair of Biological and Organic Chemistry, Medical Institute, Moscow.

(AMINO ACIDS metab.)
(STOMACH neopl.)
(ADENOCARCINOMA metab.)
(CARCINOMA SCIRRHOUS metab.)

BERNZOV, T.T.; LERMAN, M.I.

α -ketoglutaric and oxalacetic acids in *Escherichia coli* preparations.
Vopr. med. khim. 5 no.3:212-216 My-Je '59. (MIRA 12:7)

1. Chair of Chemistry, First Moscow Medical Institute.

(KETONE ACIDS, metabolism,

α -ketoglutaric & oxalacetic acids, transamination reaction with 2,6-diaminopimelic acid in *E. coli* prep. (Rus))

(AMINO ACIDS, metab.

2,6-diaminopimelic acid, transamination reaction with

α -ketoglutaric & oxalacetic acids in *E. coli* prep. (Rus))

(*ESCHERICHIA COLI*,

transamination reaction between 2,6-diaminopimelic acid & α -ketoglutaric & oxalacetic acids in *E. coli* prep. (Rus))

BEREZOV, T.T.

Transamination of dicarboxylic amino acids and of their amines
in malignant tumors. Vop. med. khim. 5 no.1:39-47 Ja-F '59. (MIRA 12:3)

1. Chair of Organic and Biological Chemistry, of the Moscow
Medical Institute.

(NEOPLASMS, metab.

transamination of dicarboxylic amino acids & their amines
(Rus))

(AMINO ACIDS, metab.

tumor tissue, transamination of dicarboxylic amino acids
& their amines (Rus))

BEREZOV, T. T.

Modern views on the processes of urea formation in animals. T. T. Berezov. *Dokl. Sovetsk. Akad. Nauk*, 1957, 78 (1958) - The review of the available data on urea formation indicates that the immediate source of one of the N atoms of urea is NH_3 which enters the cycle of urea formation during synthesis of citrulline from ornithine. The source of the 2nd N atom of urea is the amino N of aspartic acid, at the expense of which citrulline is converted to arginine. These data are in accord with the concept of A. R. Braunshtein, et al., which proposes that the N of all amino acids, and other N compounds convertible to urea in vivo, prior to its availability for urea formation must be either as free NH_3 (directly or via transamination) or be converted via various pathways to the amino N of aspartic acid. 92 references. I. A. Stekol.

BERNIZOV, T.T.

Effect of vitamin B6 deficiency on metabolism of L-glutamic and L-aspartic acids, glycine, and ammonium acetate in the organism in rat. Doklady Akad. nauk SSSR 90 no.6:1087-1090 21 June 1953.

(CML 25:1)

1. Presented by Academician A. I. Oparin 17 April 1953. 2. Institute of Biological and Medical Chemistry of the Academy of Medical Sciences USSR.

BEREZOV T. P.

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USSR

Effect of B₆ avitaminosis on *in vivo* transformations of L- and D-tryptophan. T. P. Berezov. Doklady Akad. Nauk S.S.S.R. 90, 622-624 (1963). Rats with B₆ avitaminosis show reduction of urea N and increase in the excretable stable fraction of N in the urine. While normal young rats on full diet with loading by L-tryptophan show a considerable retention of this added N, with little elimination of kynurenine and kynurenic acid, the rats of the B₆-deficient results in similarly high retention of N, but with much higher level of elimination of the L-tryptophan in urine, with detectable units of keto acids and indefinite kynurenine test. Rats with B₆ avitaminosis loaded with D-tryptophan show N retention equiv. to all N of the added amino acid; urea content in the urine remains constant, while the urine contains only traces of tryptophan and keto acids, but considerable units of kynurenine and xanthurenic acid, along with 3-hydroxykynurenine, acetylkynurenine, and kynurenic acid and other metabolic products of tryptophan. Loading with the D-isomer in avitaminotic rats causes a rise in urea N in urine up to 50% of the added N; amino N rises somewhat, a considerable unit of keto acid eliminating takes place, xanthurenic acid test is weaker than with L-isomer, while the test for kynurenine is indefinite, as are those for the acetyl and 3-hydroxy derivatives. Treatment of the rats with pyridoxine restores the reactions to near normality.

O. M. Kozlovskaya

BEREKOV, T.T.

Role of vitamin B₆ in the metabolism of L - and D -amino acids in animals; effect of vitamin B₆ deficiency on the conversion of L - and D-phenylalanine in rats during life. Doklady Akad. nauk SSSR 86 no. 3:605-608 21 Sept 1952. (CML 23:3)

1. Presented by Academician A. I. Oparin 14 July 1952. 2. Institute of Biological and Medical Chemistry, Academy of Medical Sciences USSR.